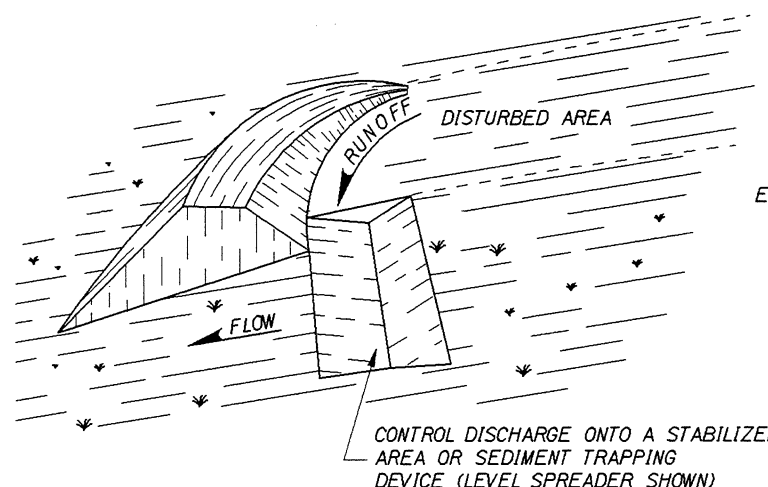
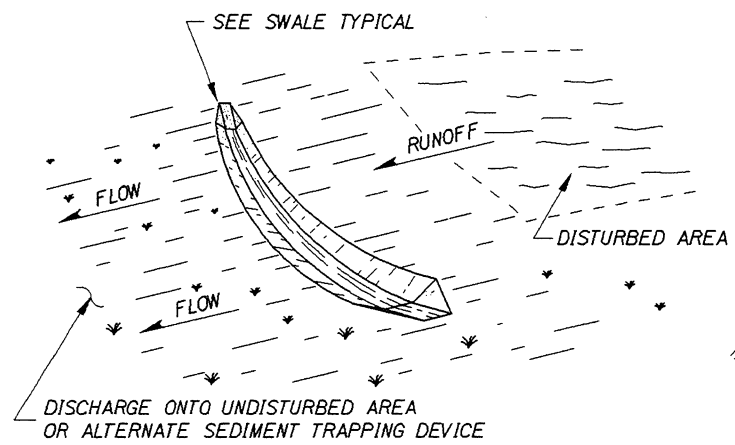


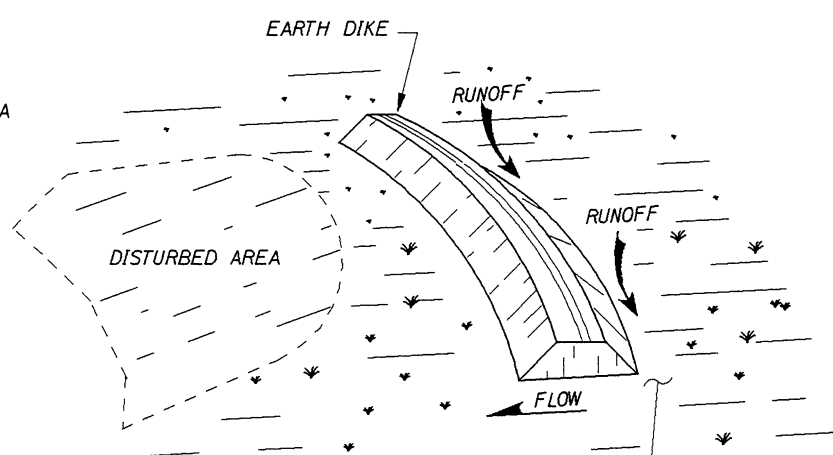
PERIMETER SWALE



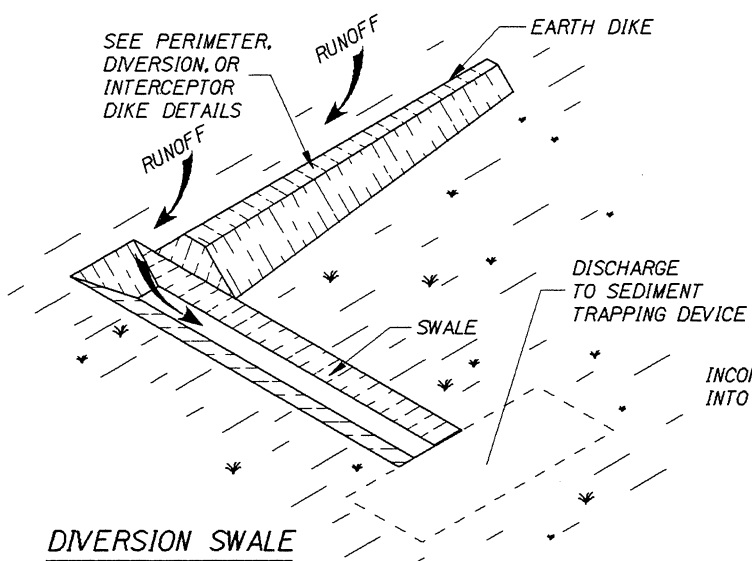
PERIMETER DIKE



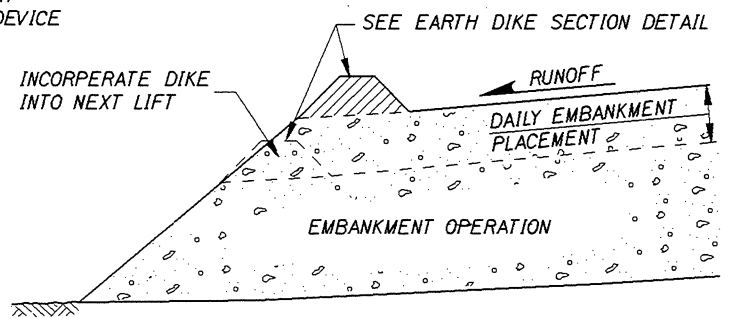
INTERCEPTOR SWALE



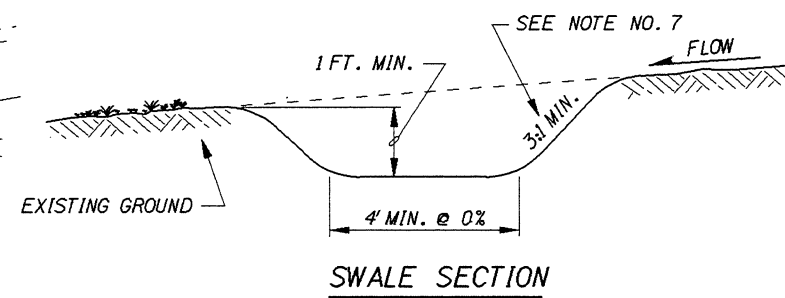
INTERCEPTOR DIKE



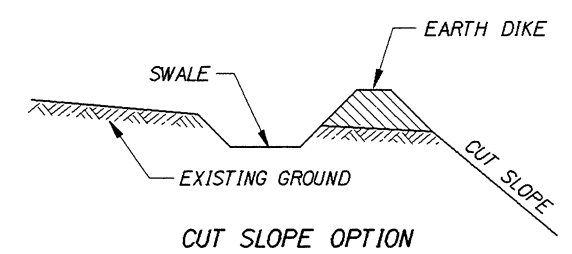
DIVERSION SWALE



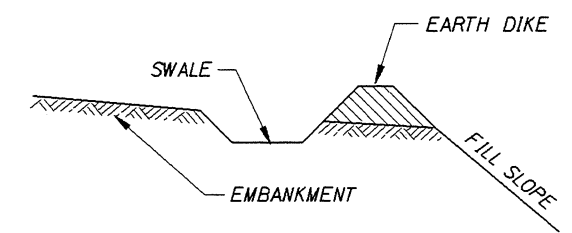
EMBANKMENT SECTION - DIVERSION DIKE



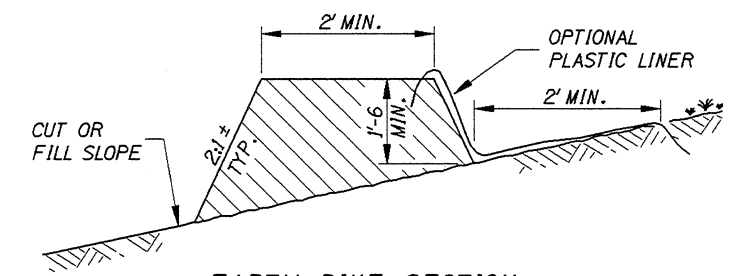
SWALE SECTION



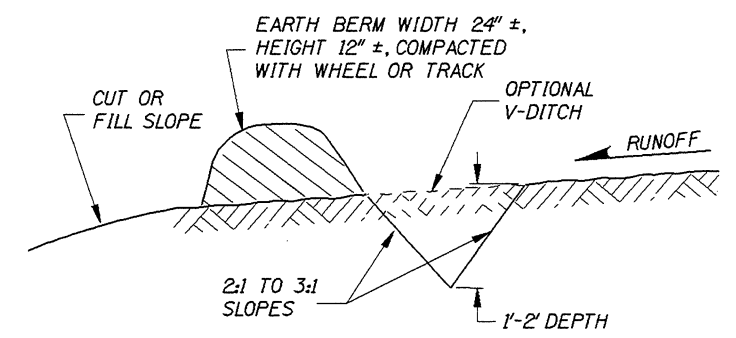
CUT SLOPE OPTION



FILL SLOPE OPTION
EARTH DIKE WITH SWALE



EARTH DIKE SECTION

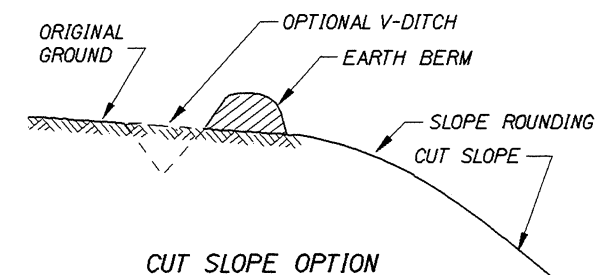


EARTH BERM & V-DITCH SECTION

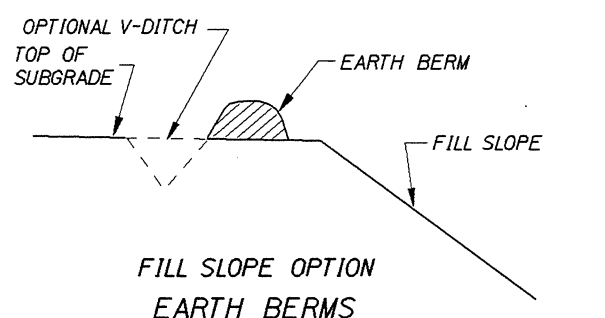
EARTH BERM/DIKE SPACING TABLE			
SLOPE OF DISTURBED AREA ABOVE BERM/DIKE	<20:1	20:1 TO 10:1	>10:1
MAXIMUM DISTANCE BETWEEN BERMS/DIKES	300'	200'	100'

NOTES

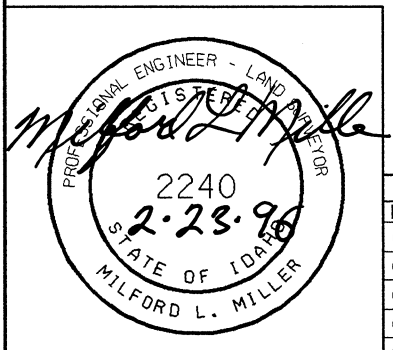
1. THE GENERAL NOTES FOR ALL P-1 SERIES STANDARD DRAWINGS (TEMPORARY EROSION CONTROL) ARE GIVEN ON STANDARD DRAWING P-1-D (TEMPORARY EROSION CONTROL DIVERSION DEVICES & SITE EXAMPLE).
2. THE INSTALLATION OF BERM/DIKE/SWALE CONFIGURATIONS SHOULD BE ADJUSTED TO FIT FIELD CONDITIONS.
3. BERMS/DIKES/SWALES SHOULD BE LOCATED ALONG THE CONTOUR OF A SLOPE AND AT THE DOWNHILL MARGIN OF THE EXPOSED SOIL AREA. ALL TRASH, DEBRIS, DUFF, AND MATERIALS WHICH COULD INTERFERE WITH THE DEVICES FUNCTION SHALL BE REMOVED PRIOR TO PLACEMENT AND AFTERWARDS ON A DAILY BASIS AS NEEDED.
4. A DRAINAGE AREA CONTRIBUTING RUNOFF TO A BERM/DIKE/SWALE OR COMBINATION THEREOF SHOULD NOT EXCEED 5 ACRES. THE SPACING GUIDELINE FOR THESE DEVICES SHOULD BE AS SHOWN IN THE "EARTH BERM/DIKE SPACING TABLE".
5. EARTH DIKES ARE TO BE USED WHEN EARTH BERMS ARE NOT SUFFICIENT TO CONTROL RUNOFF. EARTH DIKES SHOULD BE COMPACTED TO 85% OF STANDARD DENSITY. V-DITCHES USED IN CONJUNCTION WITH EARTH DIKES AND SWALES USED WITH EARTH BERMS ARE NOT RECOMMENDED CONFIGURATIONS.
6. ANY COLLECTED AND/OR INTERCEPTED RUNOFF FROM AN EARTH BERM/DIKE/SWALE OR COMBINATION THEREOF SHALL BE DIVERTED TO A SEDIMENT TRAPPING DEVICE.
7. THE SIDE SLOPES OF ANY BERM/DIKE/SWALE WITHIN THE SAFETY CLEAR ZONE SHALL BE 6:1 OR FLATTER.
8. NOT TO SCALE.



CUT SLOPE OPTION



FILL SLOPE OPTION
EARTH BERMS



REVISIONS											
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
①	12-94	MSM	○			○			○		
②	2-96	MSM	○			○			○		
○			○			○			○		
○			○			○			○		
○			○			○			○		

CADD FILE NO.
ple_0296.std

DRAWING DATE:
APRIL, 1994

IDAHO
TRANSPORTATION
DEPARTMENT

BOISE, IDAHO



Steve J. Jiala
CHIEF OF HIGHWAY OPERATIONS

Frej & Co
CHIEF ENGINEER

STANDARD DRAWING

TEMPORARY EROSION CONTROL
EARTH BERMS/DIKES & SWALES

REQUIRES STD. DWG. P-1-D

FORM CATALOG NUMBER

STANDARD DRAWING NO.
P-1-E

SHEET 1 OF 1